### Jamaica School Administrative System

# JSAS VERSION 6.0

# INSTALLATION & SETUP MANUAL

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THE MINISTRY OF EDUCATION, YOUTH AND CULTURE

In collaboration with IDEAS Ltd







**IDEAS** 

A joint initiative of the Governments of Jamaica and the United States of America through their monitoring agencies - the Ministry of Education, Youth and Culture and the United States Agency for International Development.

#### **FOREWORD**

A major ingredient of effective school reform is improved school management. In recognizing this, New Horizons for Primary Schools is proud to have put forth the effort required to produce the customized Jamaica School Administrative System (JSAS) software. The JSAS software is capable of storing data, generating reports, and permitting rapid access to information for decision-making at the individual student, classroom and school/community levels. As a joint initiative of the United States Agency for International Development and the Government of Jamaica, the Ministry of Education, Youth and Culture is pleased to make this school management information tool available to not only the seventy-two (72) project schools, but to hundreds of other schools as well.

As part of the cascading of the JSAS, receiving institutions will be required to participate in relevant training as well as meet other criteria established by the Ministry. To enhance the training and assure effective utilization of the software thereafter, New Horizons in collaboration with the sub-contractor, IDEAS, Limited and the local Education Management Information Systems (EMIS) Technician/Trainers contracted by Juarez and Associates, Inc., prepared this user-friendly <u>JSAS Version 6.0 Installation and Setup Manual</u>. This manual contains basic instructions and accompanying illustrations on how to use the software. It is designed to assist users who have a range of computing skills, from minimal to more advanced levels. By following the instructions in this manual, the individual will be able to install and setup the JSAS software for use within a particular school. Given the nature of the software and the fact that it can capture extensive evaluative data, the software can also be used for diagnostic purposes. In addition, the JSAS software is distributed free of charge in that a perpetual usage license is granted to any school or educational institution in Jamaica that wishes to use it.

A number of acknowledgements need to be made. First, it is appropriate that we keep our project's "bottom-up" approach in mind, and recognize the NHP principals and others that tried and tested the many versions of the JSAS since it was first introduced in 1999. Second, the main link between the field-testing and "drawing board" for the JSAS development was the team of EMIS T/Ts who were led by the coordinator, Nika Duncan. Among others who merit acknowledgement is the principal consultant, Bruce Newman, who conceptualised, designed and developed the JSAS in a highly capable and collaborative manner while serving as a mentor for each of the NHP EMIS team members. Finally, the steadfast understanding, financial and other support provided by USAID/Jamaica made this quality product a reality.

It is the genuine desire of New Horizons for Primary Schools that the nation's schools will utilize the JSAS software fully and effectively for the improvement of school management; hence, contributing further to quality teaching and enhanced learning among the children we serve.

Dr. Ernest O'Neil-Chief of Party – 1998-2004 New Horizons for Primary Schools

## **TABLE OF CONTENTS**

BEFORE WE BEGIN: A FEW THINGS TO NOTE	5
BASIC COMPUTER CONCEPTS	6
CLOSING A PROGRAMME	11
INSTALLATION AND SETUP 1	2
STARTING THE INSTALLATION WIZARD1	13
LOADING JAMAICA SCHOOL ADMINISTRATIVE SYSTEM (JSAS) ONTO THE COMPUTER	
INSTALLING THE ACCESS RUNTIME1	16
COMPLETING THE JSAS SETUP1	8
CHANGING THE PROGRAMME ICON2	21
ADDING THE JSAS ICON TO THE DESKTOP2	27
CUSTOMIZING JSAS2	8
RUNNING JSAS FOR THE FIRST TIME2	19
LICENSE AGREEMENT2	19
SELECTING A SCHOOL NAME 3	4
THE ADMINISTRATOR MODE4	2
THE TEACHER MODE 4	3
SCHOOL INFORMATION AND SETUP4	5
CORRECT SCHOOL NAME OR ADD A NEW SCHOOL4	17

SCHOOL YEAR SETUP	48
PARTICULARS SETUP	51
ORGANIZATIONS AND PROGRAMMES	54
FACILITIES	55
OTHER DATA	56
ADMINISTRATOR PASSWORD	57
TEACHER'S PASSWORD	60
ASSESSMENT TEST SETUP	61
TEACHER INFORMATION	64
PARTICULARS SETUP	65
QUALIFICATIONS SETUP	68
CURRENT YEAR CLASSES	70
CLASSES ASSIGNED IN PRIOR YEARS	71
CURRENT CLASS ROSTER	72
STUDENT ENROLLMENT RECORDS	····· 73
ADD A NEW STUDENT	7.0
	75
	75 76
ADD A NEW STUDENT EDITING A STUDENT	75 76 BER 78
ADD A NEW STUDENT  EDITING A STUDENT  ACCESSING A RECORD USING THE STUDENT'S ADMISSION NUMBER  OF THE STUDENT	
ADD A NEW STUDENT  EDITING A STUDENT  ACCESSING A RECORD USING THE STUDENT'S ADMISSION NUMBER ENROLMENT HISTORY	
ADD A NEW STUDENT.  EDITING A STUDENT.  ACCESSING A RECORD USING THE STUDENT'S ADMISSION NUME ENROLMENT HISTORY.  WITHDRAWN CHECKBOX	
ADD A NEW STUDENT.  EDITING A STUDENT.  ACCESSING A RECORD USING THE STUDENT'S ADMISSION NUME ENROLMENT HISTORY.  WITHDRAWN CHECKBOX.  STUDENT ASSESSMENT SCORES.  THE RETURN TO MAIN MENU BUTTON.	
ADD A NEW STUDENT.  EDITING A STUDENT.  ACCESSING A RECORD USING THE STUDENT'S ADMISSION NUME ENROLMENT HISTORY.  WITHDRAWN CHECKBOX.  STUDENT ASSESSMENT SCORES.	
ADD A NEW STUDENT	
ADD A NEW STUDENT	

RE-REGISTERING A STUDENT	93
STUDENTS ENROLLED IN GRADE	93
WITHDRAWING A STUDENT FOR A TERM	93
RE-ENROL FOR NEW TERM OR YEAR	94
PRINCIPAL'S PAGE	97

## **Preface**



### BEFORE WE BEGIN: A FEW THINGS TO NOTE

The Jamaica School Administrative Software (**JSAS**) was designed to assist school administrators in the collection and manipulation of data on students, teachers and the school plant.

The **JSAS** software can run on one computer or in a networking environment. It only requires a minimum of 60 MB of free hard drive space. The computer running this software will not need Microsoft Access® as a Microsoft Access 2000 Runtime® license is included in the software distribution.

The software was written with the novice user in mind: including user-friendly screens and clear instructions both on screen and in pop-up boxes.

This guide gives detailed, step-by-step instructions to help install and setup the software for day-to-day use. It is highly recommended that the documentation be read carefully **BEFORE** beginning.

#### **CONTENTS**

#### **Basic Computer Concepts**

- The Windows Desktop
- Opening a Programme Using Icons or The Start Menu Button
- Closing a Programme

#### **Basic Computer Concepts**

This serves as a fast and easy way to learn some necessary information about the Microsoft Windows® Operating System.

#### THE WINDOWS DESKTOP

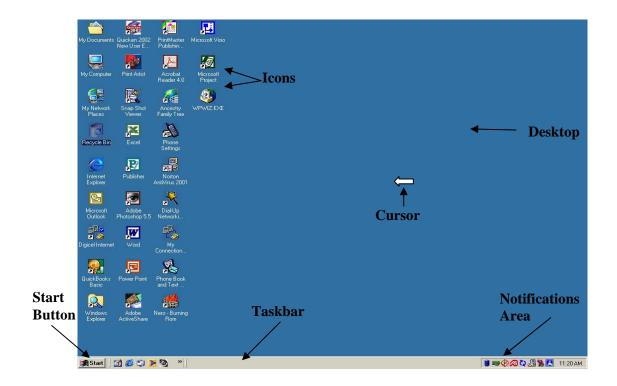


Figure 0.1

#### **Icons**

The small pictures on the desktop are called icons; see Figure 0.1. Icons are a way to start a programme or open a folder. The icon can also be a shortcut, which is a link to something located elsewhere on the computer. A folder holds files or other folders. Placing the mouse pointer over an icon reveals text, which identifies the name or contents. Double-click the left mouse button on the icon to open the file or programme.

#### Taskbar

When a file or programme is opened, a window frame appears in the desktop area and a button appears on the taskbar, see Figure 0.1. The taskbar is the entire bottom strip of the desktop. When a programme or file is closed, the button disappears from the taskbar.

#### **Start Menu Button**

Pointing the cursor over the *Start Menu*, see Figure 0.1, and left clicking the mouse button makes the *Start Menu* appear in the desktop area. The *Start Menu* contains everything needed to run the computer; such as starting programmes, opening files, controlling the computer system, opening help documentation, or searching the computer. The computer is shutdown or restarted by using the *Start Menu* button and selecting *Shut Down* or *Turn off Computer*.

An arrow appearing to the right of a menu choice is an indicator that a secondary menu is available. Move the cursor over the menu choice and the secondary menu appears.

#### **Notification Area**

The notification area contains the clock and other icons showing current activities, see Figure 0.1.

#### Starting a Programme

A programme is also called an application and can be opened two ways:

- 1. Double-clicking the left mouse button on an icon located on the desktop.
- 2. Pointing the cursor over the *Start Menu* button on the taskbar and left-clicking the mouse button. Once the *Start Menu* appears, move the cursor over Programmes and a secondary menu will appear. Search for the programme desired and click on the name of the programme.

#### **Example of opening a programme:**

1. Point the cursor over the *Start Menu* button and left-click the mouse button. A menu will appear as shown in Figure 0.2.

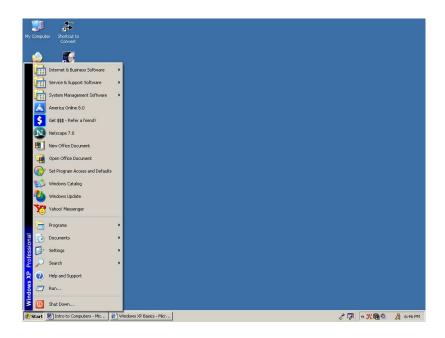


Figure 0.2

2. Point the cursor over *Programmes* and a second menu will appear as shown in Figure 0.3.

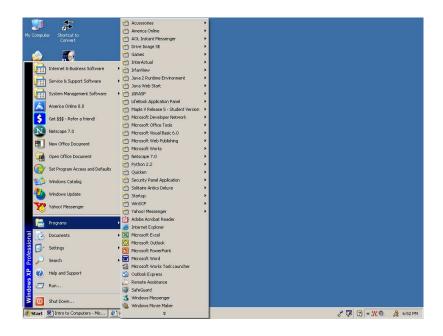


Figure 0.3

3. Move the cursor over to the second menu and point to *Accessories* as shown in Figure 0.4. A third menu will appear.

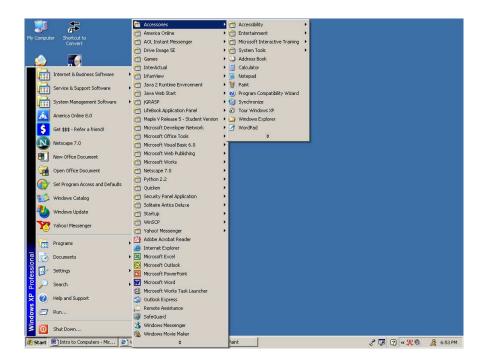


Figure 0.4

4. Move the cursor over the third menu and click the left mouse button on *WordPad* Figure 0.5. This will start the programme.

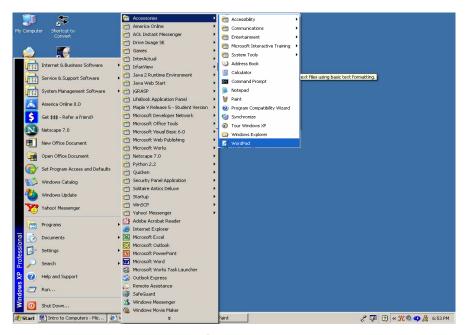


Figure 0.5

#### WordPad Window

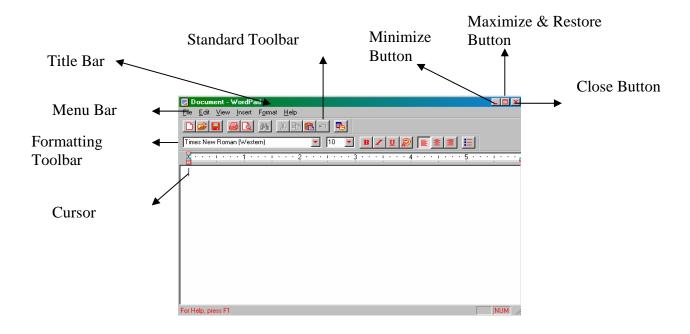


Figure 0.6

#### Minimize Button

The *Minimize* button (see Figure 0.6) disables a window and displays it as a button on the taskbar. To enable the window, click on the button on the taskbar and the window will redisplay on the screen.

#### **Maximize and Restore Button**

The *Maximize* button (see Figure 0.6) sets the window to a full-screen size. To maximize the window, click on the maximize button. Once the window is at its largest, the maximize button changes to the restore button, which allows the window to restore to its previous (smaller) size

#### **Close Button**

Clicking on the *Close* button quickly closes a window (see Figure 0.6).

#### Menu Bar

The Menu Bar shows menu title choices to access the options contained in the menu (see Figure 0.1). Each application might have different menu titles but all are accessed in the same way.

#### Title Bar

The *Title Bar* shows the name of the window and the name of the file. The window moves by placing the mouse pointer in the *Title Bar*, clicking and holding down the left-mouse button and dragging the window to the desired position.

#### **Standard and Formatting Toolbar**

*Toolbars* consist of icons that operate as shortcuts to options accessible through the *Menu Bar*.

#### **Closing a Programme**

- 1. Click on the *File* on the *Menu Bar*, and then click on *Exit*.
- 2. Click on the *Close* button at the top right corner of the window, labelled in Figure 0.6 to *Exit* the programme.





# INSTALLATION AND SETUP

This chapter provides instructions on how to install and setup the Jamaica School Administrative System software. It covers both first-time installations and upgraded versions.

First-time Installations - No prior version of the Jamaica School Administrative System (JSAS) software has been installed.

#### **CONTENTS**

#### **Installation and Setup – First-Time Installation**

- Starting the Installation Wizard
- Installing the Access Runtime
- Completing the JSAS Setup
- Changing the Programme Icon
- Adding the JSAS Icon to the Desktop

#### **Installation and Setup – First-Time Installation**

Installation must be within a Window's Operating System environment.

#### **Starting the Installation Wizard**

While in a Window's environment, insert the *JSAS-Version 6.0* compact disc (CD) into the CD drive in computer. After a few seconds the programme should automatically begin the installation process by copying some files to the hard drive (Figure 1.6). If this does not happen then use the following steps.

- 1. Click on the *Start* button. (Figure 1.1)
- 2. Click on *Run*. (Figure 1.1)

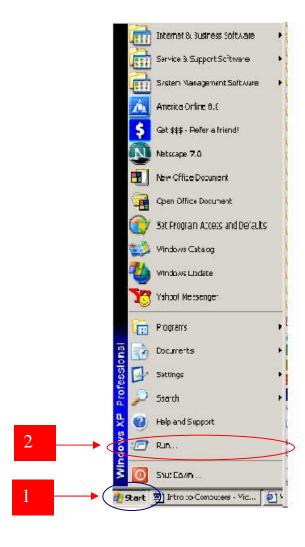


Figure 1.1

3. Click the *Browse* on the *Run* window. (Figure 1.2)

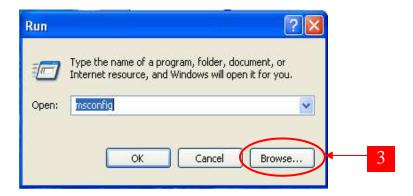


Figure 1.2

- 4. From the *Browse* window, click on *My Computer*. (Figure 1.3)
- 5. Select the drive where *JSAS* appears. (Figure 1.3)
- 6. Click on *Open*. (Figure 1.3)

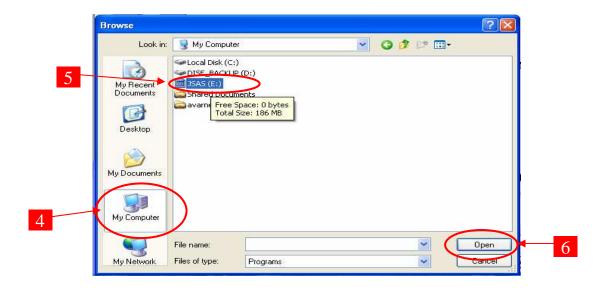


Figure 1.3

7. Click on setup.exe file and click Open. (Figure 1.4)

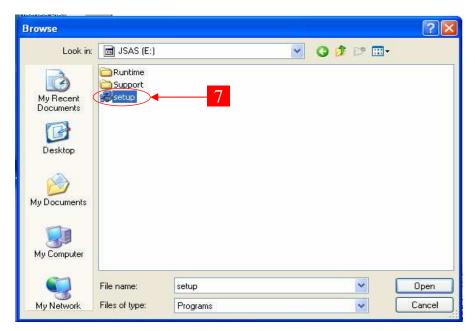


Figure 1.4

**8.** The *Run* screen will re-appear with *setup.exe* file filled in along with the drive path. Click *OK* to start the installation. (Figure 1.5)

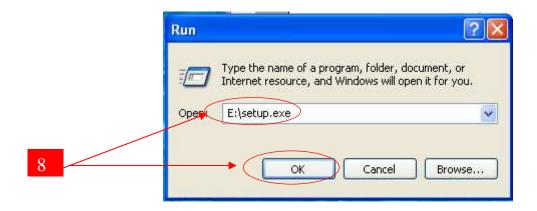


Figure 1.5

#### Loading Jamaica School Administrative System (JSAS) onto the Computer

The Installation process now begins. If Microsoft Access is not installed on the computer, a Runtime version will be installed (see *Installing the Access Runtime on page16*); otherwise the *Jamaica School Administrative System Setup* screen will begin. (Figure 1.6)

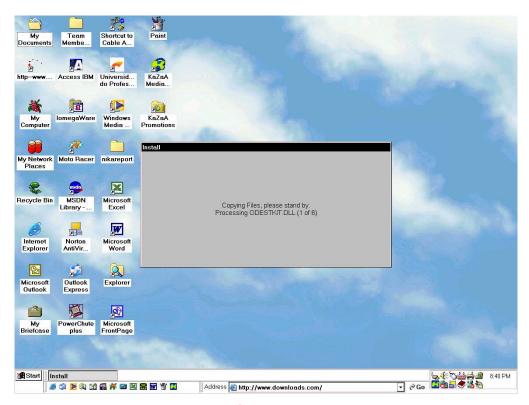


Figure 1.6

#### **Installing the Access Runtime**

The dialog box shown in Figure 1.7 appears if Microsoft Access is not already installed on the computer.

1. Click the *OK* button to begin the Access Runtime installation.

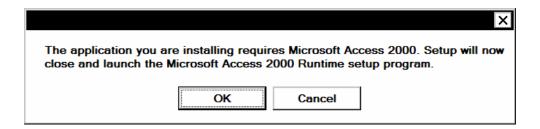


Figure 1.7

2. Click the *Install Now* button on the *Microsoft Access 2000 Runtime Ready to Install* screen (Figure 1.8).

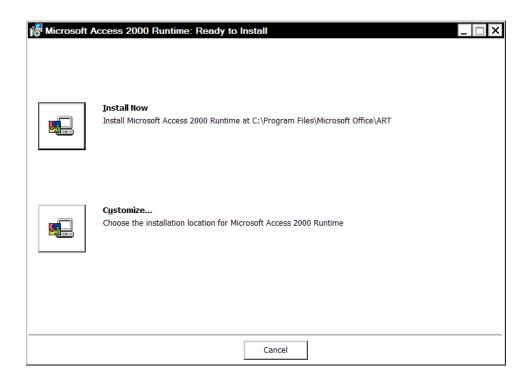


Figure 1.8

3. A dialog box shown in Figure 1.9 indicates the installation is progressing.

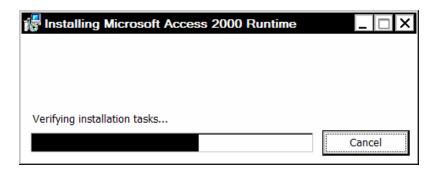


Figure 1.9

4. When the installation is complete, the dialog box shown in Figure 1.10 displays, confirming a successful installation.

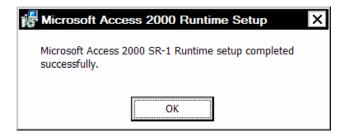


Figure 1.10

5. Click the *OK* button to close the dialog box. At this point, depending on the version of Microsoft Windows installed, the computer will either prompt for a restart or will restart automatically. The restart is necessary to complete the installation exercise. After the Access Runtime setup is complete, the *Jamaica School Administrative System Setup* screen will continue.

#### **Completing the JSAS Setup**

**JSAS** setup continues to display dialog boxes informing the user of the installation progress.

1. The **JSAS** setup screen starts with a welcome and warning dialog box. Please ensure that there are no other applications running before clicking the *OK* button to continue the **JSAS** installation.

The screen shown in Figure 1.11 will appear and an installation dialog box displays.

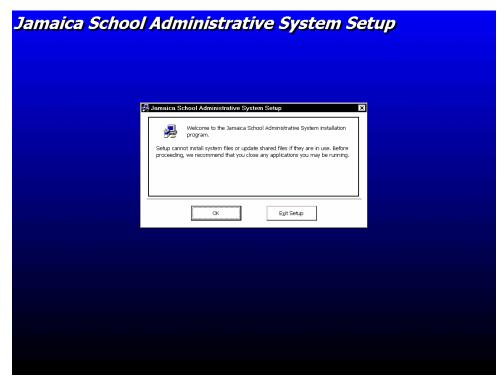


Figure 1.11

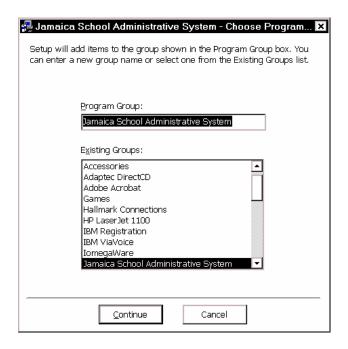
2. Click on the Computer Icon as circled in red in Figure 1.12 to install **JSAS** to the C:\Program Files\MOEC 2000\ (default) directory.



Figure 1.12

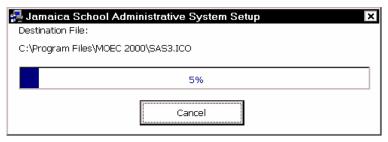
3. The *Jamaica School Administrative System – Choose Program Group* dialog box has a default setting that should not be changed. The default Programme Group is

Jamaica School Administrative System. Click Continue without changing any of the settings.



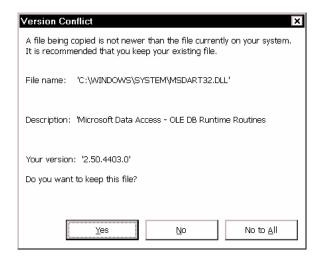
**Figure 1.13** 

4. The programme files are copied to the hard drive of the computer (Figure 1.14).



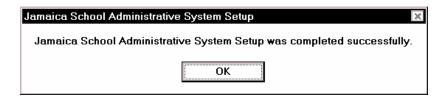
**Figure 1.14** 

5. If a Version Conflict dialog box appears (Figure 1.15) it means that an older version of the files already exists on the computer. Click the *Yes* button to continue copying the newer version of files. This may have to be repeated for a number of files.



**Figure 1.15** 

6. After all the files are copied, a dialog box displays to confirm a successful installation (Figure 1.16). Click the *OK* button. The **JSAS** programme is now fully installed.



**Figure 1.16** 

#### **Changing the Programme Icon**

The following steps show how to change the icon for the **JSAS** programme (Figure 1.17).

- 1. Left-click on Start.
- 2. Left-click on *Programmes*.
- 3. Drag the cursor over the programme list and point to *Jamaica School Administrative System*.
- 4. Move the mouse over the JSAS icon.
- 5. Right-click on the *JSAS* programme icon.
- 6. Left-click *Properties* from the *Menu*.

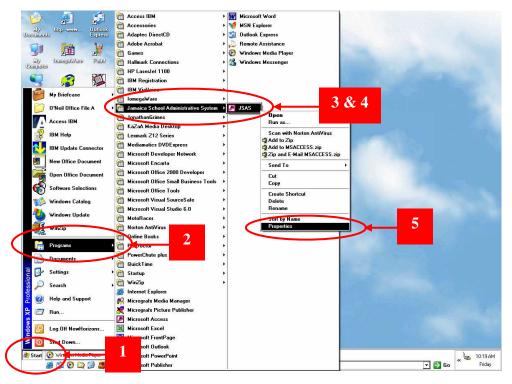


Figure 1.17

Note the icon shown on the top-left corner of the properties dialog box is going to change.

7. Click the *Change Icon* button on the *JSAS Properties* window Figure 1.18.

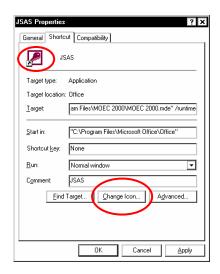
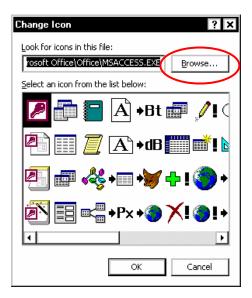


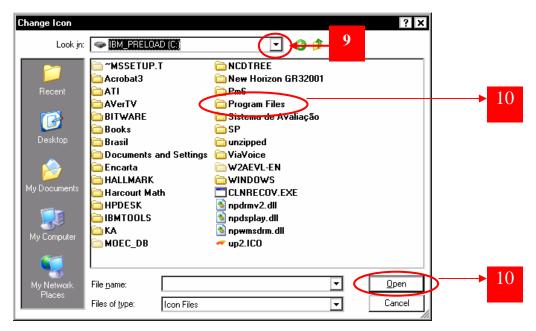
Figure 1.18

8. Click the *Browse* button to search for the new icon. (Figure 1.19)



**Figure 1.19** 

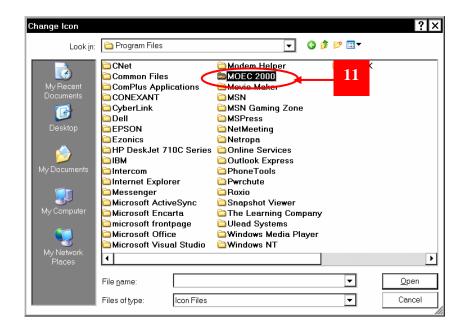
- 9. Click on the *Look in* down arrow list box and select drive C: (Figure 1.20).
- 10. Click on the *Programmes Files* folder icon and then the *Open* button. (Figure 1.20)



**Figure 1.20** 

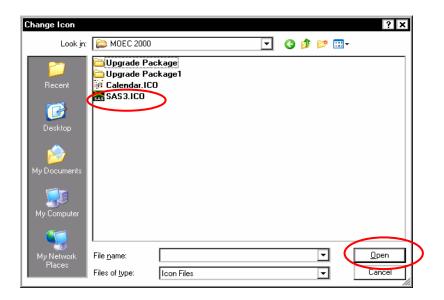
NB. To find this icon you need to look in the C:\Program Files\MOEC 2000\ directory where the JSAS software was installed

11. Click on the MOEC 2000 folder and then the Open button (Figure 1.21).



**Figure 1.21** 

12. Click on the SAS3.ICO icon and click *Open* as shown in Figure 1.22.



**Figure 1.22** 

13. In the *Change Icon* window, click the *OK* button to accept the selected icon (Figure 1.23).

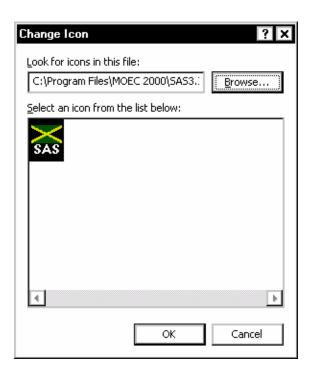


Figure 1.23

14. Click the *OK* button on the *JSAS Properties* window to apply the changes (Figure 1.24).

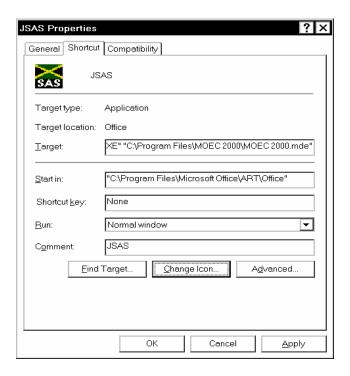
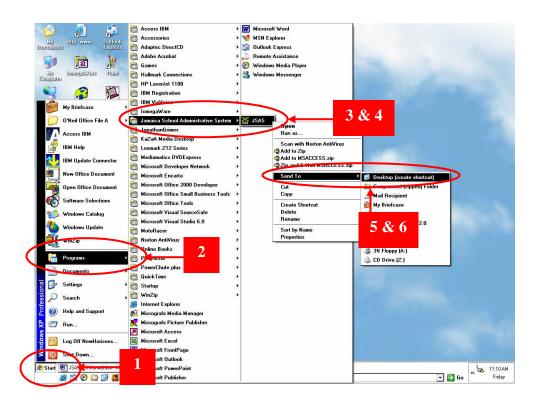


Figure 1.24

#### Adding the JSAS Icon to the Desktop

- 1. Left-click on Start (Figure 1.25).
- 2. Left-click on *Programmes* (Figure 1.25).
- 3. Drag the cursor over the programmes list and point to the *Jamaica School Administrative System* (Figure 1.25).
- 4. Right-click on the *JSAS* programme icon (Figure 1.25).
- 5. Select *Send To* from the *Menu* (Figure 1.25).
- 6. Click *Desktop* (*create shortcut*). The icon is copied to the desktop (Figure 1.25).



**Figure 1.25** 





### **CUSTOMIZING JSAS**

The **JSAS** software must be customized for a specific school. This chapter explains how to select the school name from the school list or add a new school name. It also explains two modes of operation of the software.

#### **CONTENTS**

#### **Customizing JSAS**

- Running JSAS for the first time
- License Agreement
- Adding the School Name
- Administrator Mode
- Teacher Mode and Password Features
- About JSAS

#### **Customizing JSAS**

The **JSAS** database must be customized for a specific school. School specific data is entered into the database (i.e. school type, shifts, terms, teachers, students).

#### **Running JSAS for the First Time**

The JSAS programme can either be started by double-clicking the JSAS icon on the *Desktop* or going into the *Start Menu*, clicking on the programme list, dragging the cursor over Jamaica School Administrative System and left-clicking on JSAS. The programme opens to Ministry of Education Youth and Culture Jamaica School Administrative System, *Main Menu*.

#### **License Agreement**

The first time **JSAS** is opened after installation, a form displays asking the school to approve a license agreement. The agreement states who funded the software, who developed it and its copyright information.

#### 1. Click on Accept.

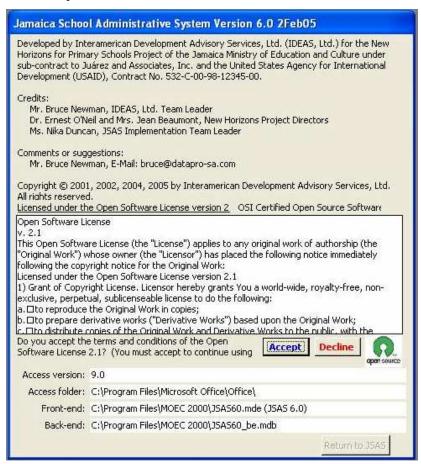


Figure 2.1

2. The form changes showing the date and time the license was accepted. Click the *Return to JSAS* button.

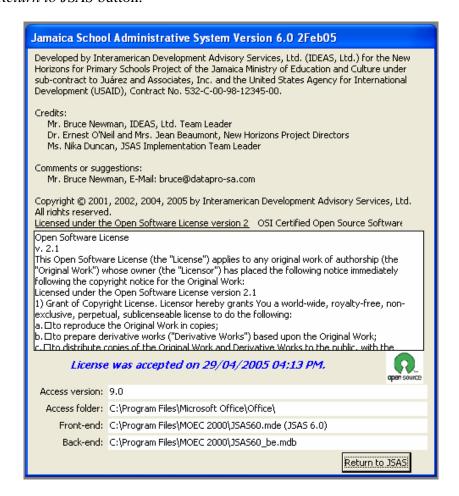


Figure 2.2

- 3. If this is a first-time installation or if the computer is a client computer on a network, a dialog box appears.
  - a. If it is a first-time installation, click *OK* and the programme will complete the installation. (Figure 2.3)
  - b. If it is a client computer, see section 4.c on page 32.

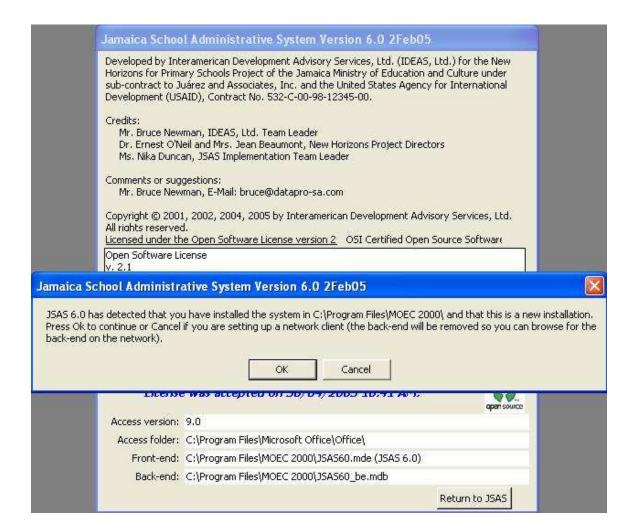


Figure 2.3

- 4. If a previous version of **JSAS** exists or if the computer is a client on a network, the programme requires decisions to be made as follows:
  - a. If the computer is the back-end server, which contains the database for networked computers, a dialog box will display stating the old files are to be converted as shown in Figure 2.4. The files must be converted. Click *OK*
  - b. The conversion process takes several minutes.

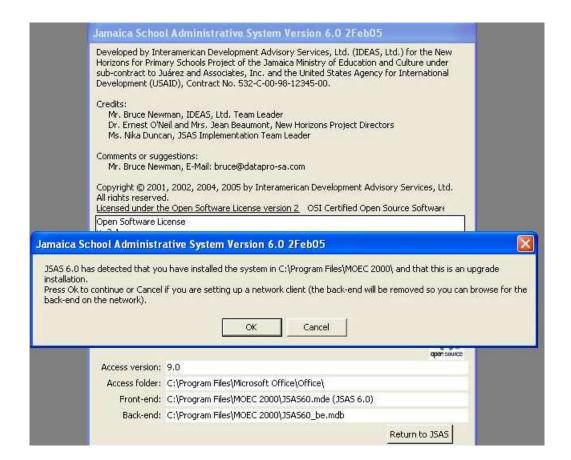


Figure 2.4

- c. If this computer is a client on a network, click *Cancel*. This will remove the back-end database so **JSAS** can look for the back-end server on the network. This must be very well thought out. The back-end server is the only computer that contains the database. All clients on the network use the back-end computer.
- d. The programme will look on the network for a back-end database. The back-end database is located on the back-end server. The back-end server must be upgraded first before the clients.

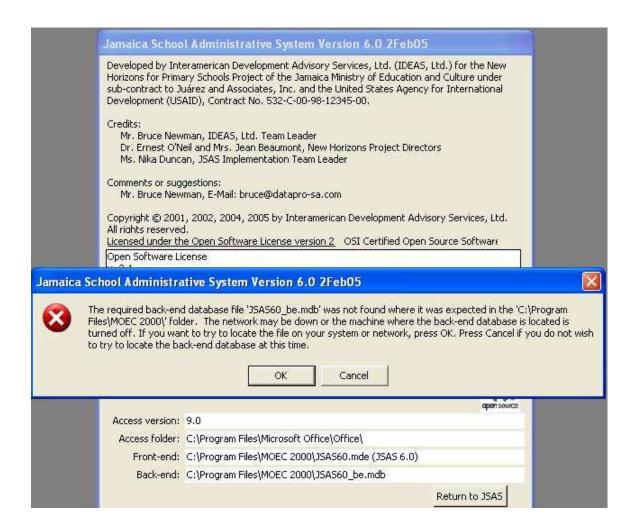


Figure 2.5

e. A dialog box will appear, asking for the directory path to the back-end server as shown in Figure 2.6. Click on *My Network Places*, locate the computer's *MOEC 2000* directory and click the file *JSAS60\_be.mdb*. The programme will complete the linking process and open the **JSAS** *Main Menu*.

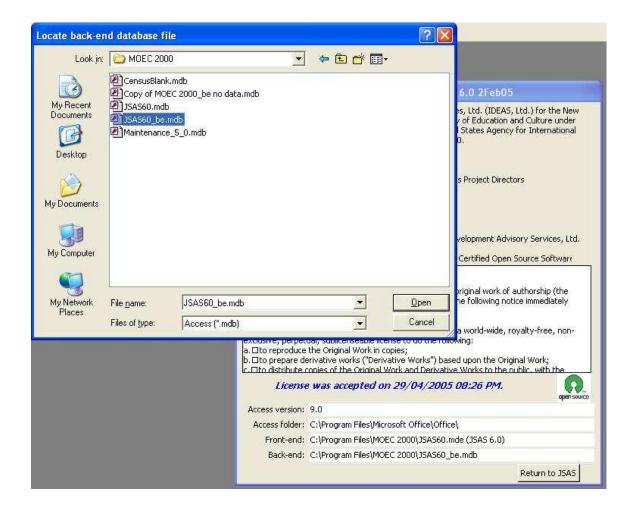


Figure 2.6

N.B. Previously after installation, the back-end database was removed manually. This new version does this automatically.

5. JSAS is now ready to customise to a particular school. The school will enter the name and campus criteria, teachers, classes, students, etc. The following information will help accomplish this task.

#### Selecting a School Name

1. To select a school name, click on the *Administrator Mode* button circled in red in Figure 2.7.

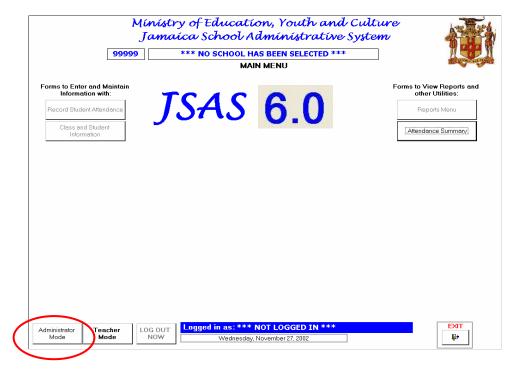


Figure 2.7

a. Clicking on any other button will display the message shown in Figure 2.8

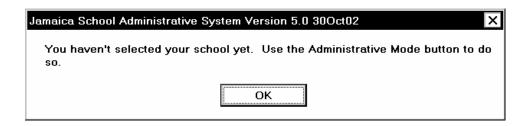


Figure 2.8

2. The box in Figure 2.9 shows the School selection list. Click the drop arrow list box circled to display the list of schools.

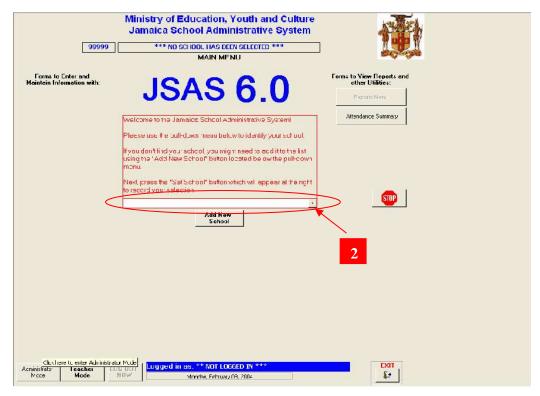


Figure 2.9

3. A list of schools displays, sorted by the school code numbers (Figure 2.9). Scroll down the list and select the appropriate school code/school name.

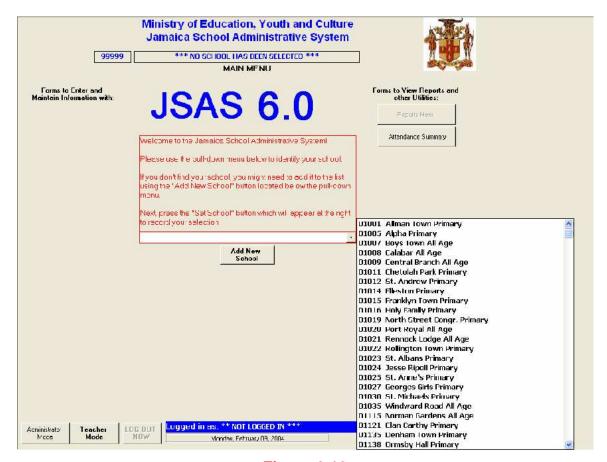


Figure 2.10

4. After a school is selected, a *Set School* button displays next to the *Stop* button, circled in red in Figure 2.11.

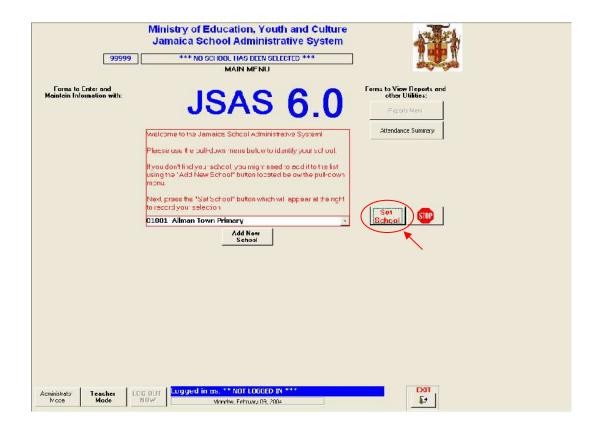


Figure 2.11

5. If the school name is not in the list, click on the *Add New School* button, circled in red in Figure 2.12, to manually input the school code and name.

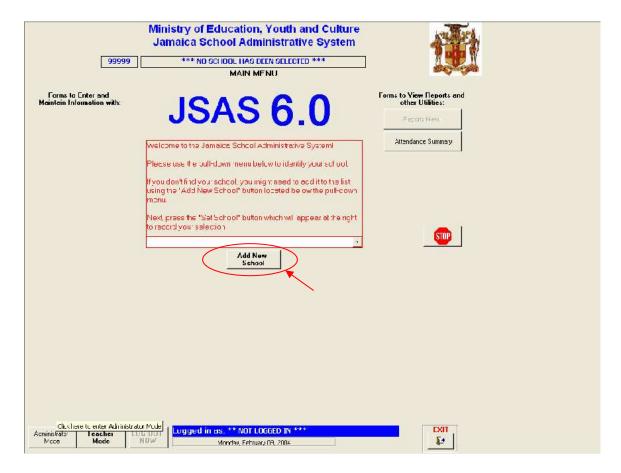


Figure 2.12

The *Correct a School Name or Add a New School to the System* screen (Figure 2.13) will appear. This screen allows modification to the school name or addition of a new school to the school list.

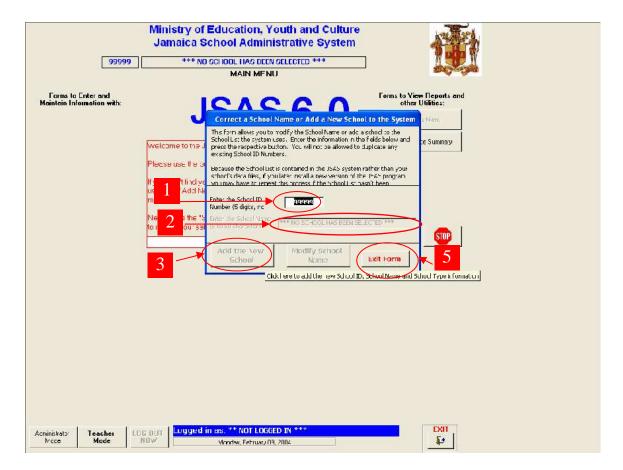


Figure 2.13

- 1. Enter the *School ID* number by typing the new school identification number in the *Enter the School ID Number* text box.
- 2. Type the school name in the *Enter the School Name* text box.
- 3. Click the *Add New School* button to add the school to the list.
- 4. The message box shown in Figure 2.14 will be displayed, then click the *OK* button.

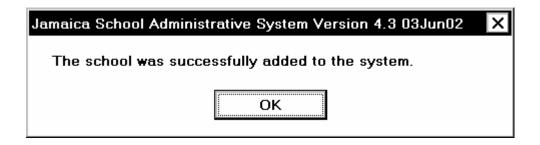


Figure 2.14

5. Next click the *Exit Form* button to close the screen.

The school code and name just added is ready to be selected from the *School Selection List* (Figure 2.11). After selecting the school name, click the *Set School* button to finalize the process.

If the name of the school was listed but the information was incorrect, it can be modified using the *Correct the School Name* or *Add a New School* button discussed under the *School Year Setup* section on page 48.

# **Administrator and Teacher Modes**

The programme is now ready to accept data. The screen shown in Figure 2.15 is the default screen. From this screen, access is gained only to the attendance summary by clicking on the *Attendance Summary* button circled. In order to perform any other activity, the teacher or administrator must log in by clicking on either the *Administrator Mode* or *Teacher Mode* button as shown circled in red Figure 2.15.

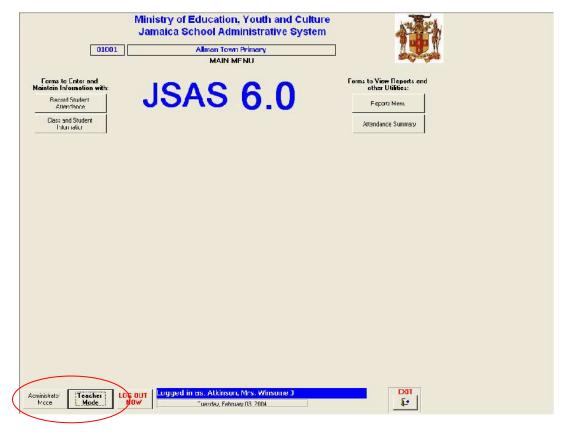


Figure 2.15

#### The Administrator Mode

The *Administrator Mode* is for the administrators (principals) and should have password access. Clicking on *Administrator Mode* allows the administrators access to the following functions (Figure 2.16):

- 1. Record Student Attendance
- 2. Class and Student Information
- 3. School Information and Setup
- 4. Teacher Information
- 5. Student Enrolment Records
- 6. Create Classes and Manage Registration
- 7. Principal's Page

The functions are detailed in the subsequent chapters.

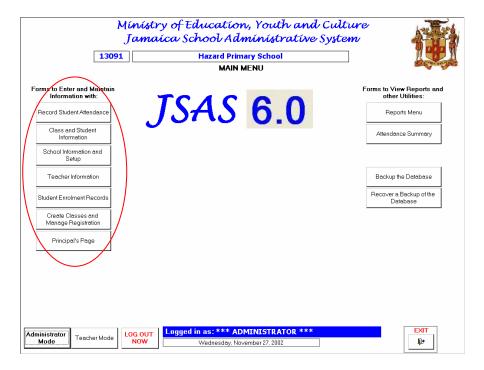


Figure 2.16

# The Teacher Mode

The Teacher Mode is covered in greater detail in Jamaica School Administrative System (JSAS), Users' Guide, page 2.

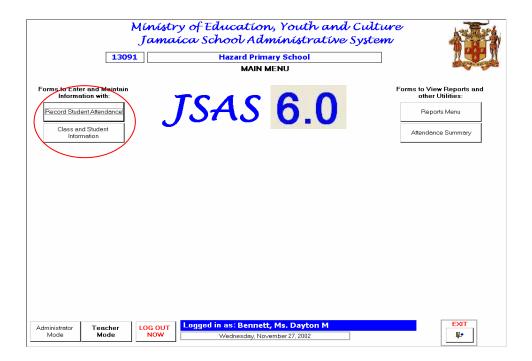


Figure 2.17

# **About JSAS**

Additional information about the developers of this software is available by clicking on the Jamaican Coat Of Arms.





# SCHOOL INFORMATION AND SETUP

This chapter looks at entering term start and end dates, subjects, grades and school census data. It details how to setup a password to protect the *Administrator Mode*.

# **CONTENTS**

# **School Information and Setup**

- Correct School Name or Add New School
- School Year setup
- Particulars Setup
- Organization and Programmes
- Facilities
- Other Data
- Administrator Password
- Teachers Passwords
- Assessment Test Setup

# **School Information and Setup**

The *School Information and Setup* screen is accessed from the *Administrator Mode* by clicking on the *School Information and Setup* button (Figure 3.1).

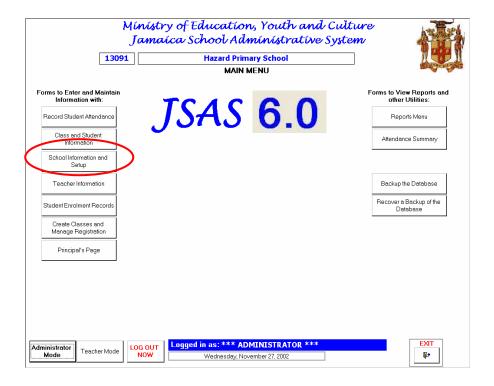


Figure 3.1

The School Information and Setup screen displays as shown in Figure 3.2.

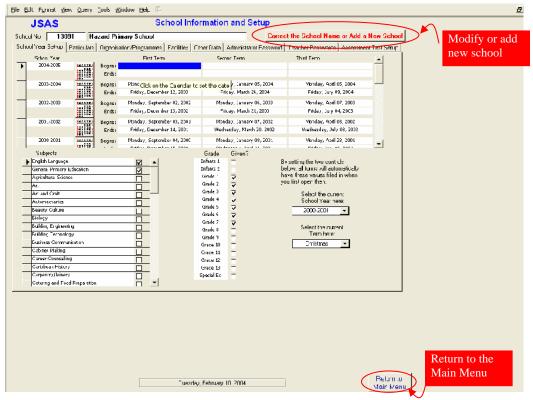


Figure 3.2

The main components of this screen are:

- 1. Menu Tabs School Year Setup, Particulars, Organisation/Programmes, Facilities, Other Data, Administrator Password, Teacher Passwords, Assessment Test Setup.
- 2. The Correct the School Name or Add a New School button.

#### Correct School Name or Add a New School

The *Correct School Name or Add a New School* button is used to modify a school name or add a new school to the school list:

- 1. Click the Correct the School Name or Add a New School button.
- 2. Follow the steps to *Add a New School* beginning on page 39.
- 3. The *Return to Main Menu* button is used to close the *School Information & Setup* screen and return to *Administrator Mode* screen.

# **School Year Setup**

The School Year Setup Tab sets the dates of each term in a particular school year.

- 1. Click on the *School Year Setup* tab of the *School Information and Setup* Form (Figure 3.3).
- 2. Select the year that is to be set up.
- 3. Click in the *Begins* text box under the label *First Term*.

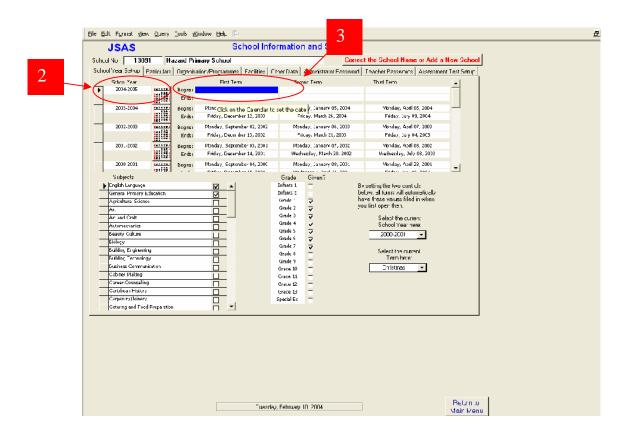


Figure 3.3

4. Click the calendar icon next to the school year to open the calendar (Figure 3.4).

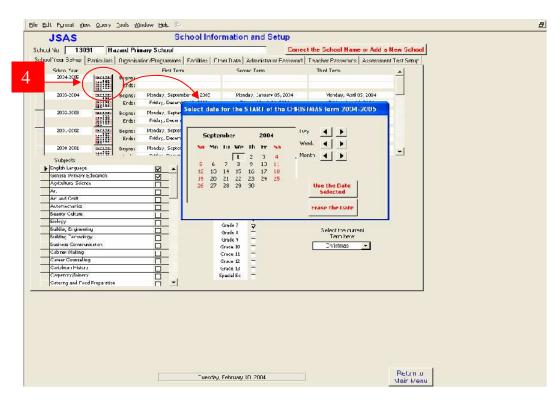


Figure 3.4

5. Select the start date for the term required.

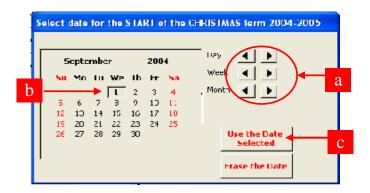


Figure 3.5

a. The day, week, and month navigation buttons navigate to the appropriate date. Use the arrow keys beside these buttons to find the date needed. (Figure 3.5)

- b. Click on the appropriate date on the calendar and then click on the *Use the Date Selected* button. (Figure 3.5)
- c. Repeat steps 3-9 to input the remaining start and end dates for the remaining terms.
- d. The *Erase the Date* button is used to delete a previously selected date.

NB: Enter all the start and end dates for each term for the school year at the same time to avoid problems in the future.

3. Select the required subject areas by checking the appropriate box beside each subject. The subjects are a listing of all subjects offered by the Ministry of Education (Figure 3.6).

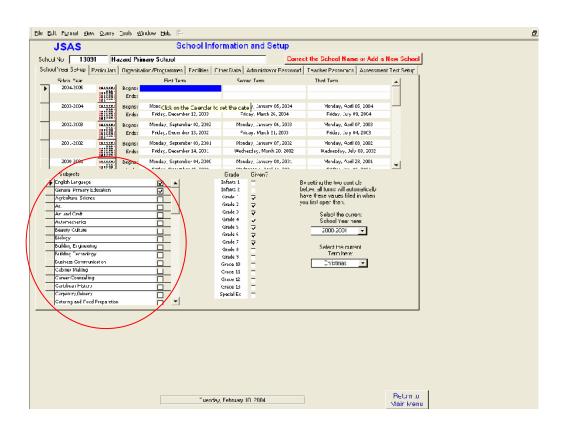


Figure 3.6

For primary schools, the subject would be General Primary Education. For Grades 7 to 13 in an All Age or Junior High and High School, select all the subjects offered at the school by checking the box to the right of the subjects.

4. Select the grades that are available in the school by checking the box to the right of the grades offered (Figure 3.7).

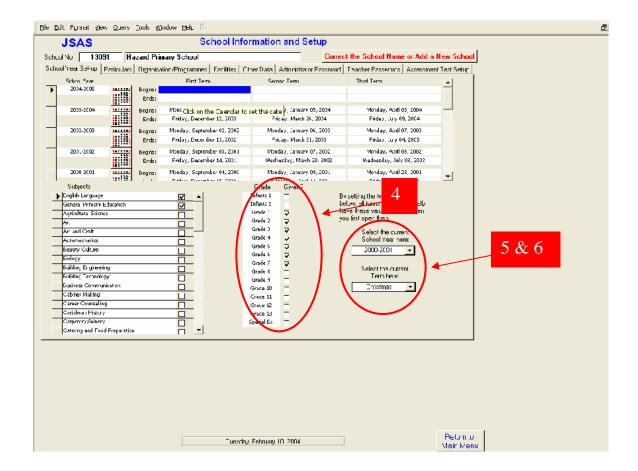


Figure 3.7

- 5. Select the present school year by clicking the drop down arrow in the text box labelled *Select Current School Year* (Figure 3.7).
- 6. Select the current term by clicking the drop down arrow in the text box labelled *Select the Current Term* (Figure 3.7).

NB: Please ensure that the school year/term is changed at the start of a new school year or new term.

#### **Particulars Setup**

The *Particulars Tab* contains information about the school, such as Type of School, Principal, School Board Chair, Region, and Telephone Number.

1. Click on the *Particulars* Tab of the *School Information and Setup* Form (Figure 3.8).

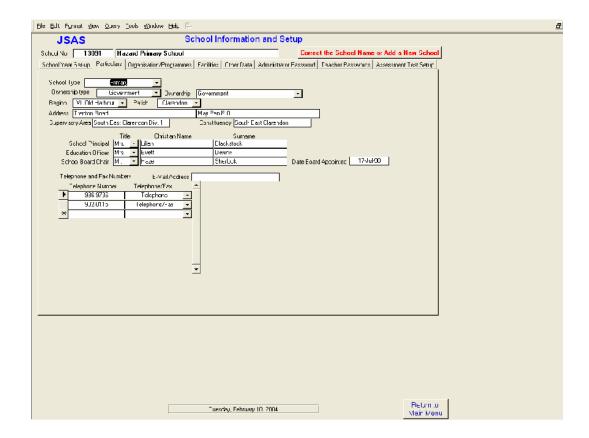


Figure 3.8

2. Click in the *School Type* down arrow list box and click on the school type from the list provided by the Ministry of Education. (Figure 3.9)

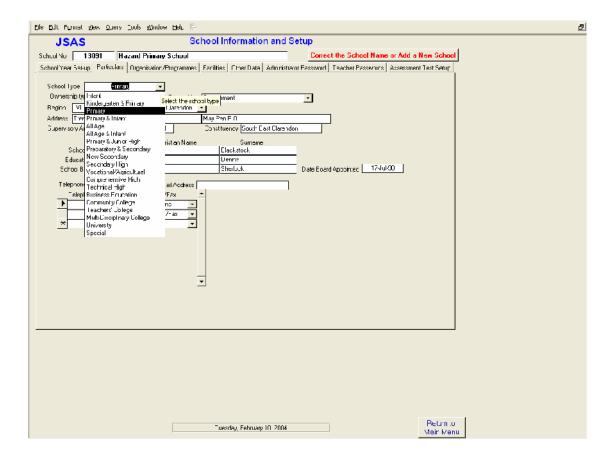


Figure 3.9

- 3. Click on the down arrow next to the list boxes: *Ownership Type*, *Ownership*, *Region* and *Parish* and fill in the information that pertains to the school.
- 4. Click in the text boxes labelled: *Address*, *Supervisory Area* and *Constituency*, and type the appropriate information in each box. (Figure 3.10)

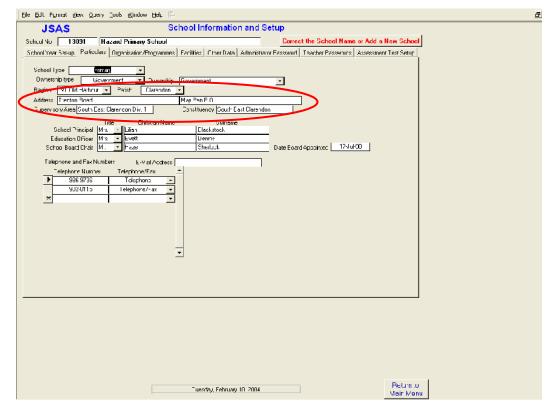


Figure 3.10

5. Enter the appropriate information in each down arrow list box and text box to complete the particulars form.

# **Organizations and Programmes**

The *Organizations and Programmes* Tab is used to enter information that pertains to programmes within the schools.

1. Click the *Organizations and Programmes* Tab of the *School Information and Setup* Form. (Figure 3.11)

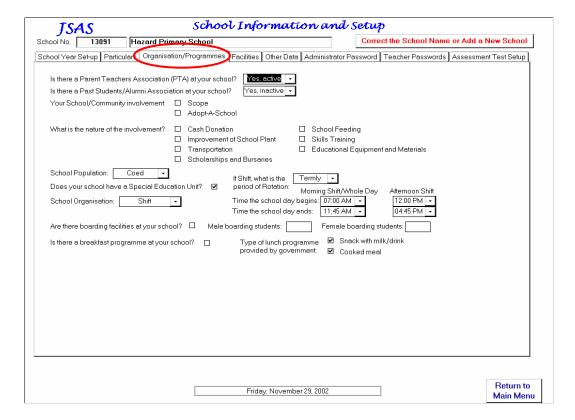


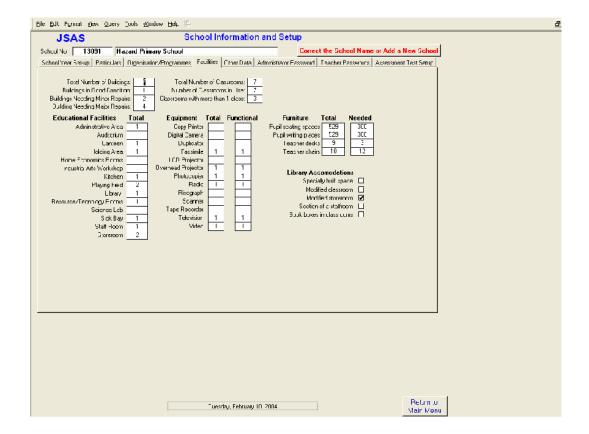
Figure 3.11

- 2. Click on the down arrow next to the list boxes and fill in the information pertaining to the school.
- 3. Click in the text boxes and type the appropriate information in each box.
- 4. Click in the checkboxes to check the appropriate information.

# **Facilities**

The Facilities Tab contains an inventory of all the facilities at the school.

1. Click the Facilities Tab on the School Information and Setup Form (Figure 3.12).



**Figure 3.12** 

- 2. Click on the down arrow next to the list boxes and fill in the information pertaining to the school.
- 3. Click in the text boxes and type the appropriate information in each box.
- 4. Click in the checkboxes to check the appropriate information.

# Other Data

The *Other Data* Tab contains miscellaneous information regarding the school.

1. Click the *Other Data* Tab on the *School Information and Setup* Form. (Figure 3.13)

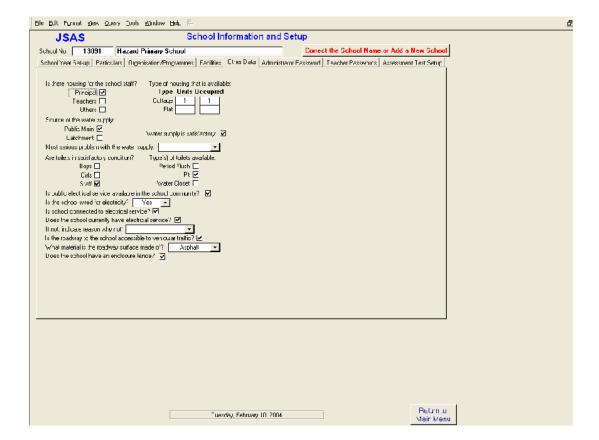


Figure 3.13

- 2. Click on the down arrow next to the list boxes and fill in the information pertaining to the school.
- 3. Click in the text boxes and type the appropriate information in each box.
- 4. Click in the checkboxes to check the appropriate information.

### **Administrator Password**

It is advisable to record an *Administrator Password* as security against unauthorized users. Ensure that the password choice is easily remembered and a combination of letters and numbers.

1. Click the *Administrator Password* Tab on the *School Information and Setup* Form. (Figure 3.14)

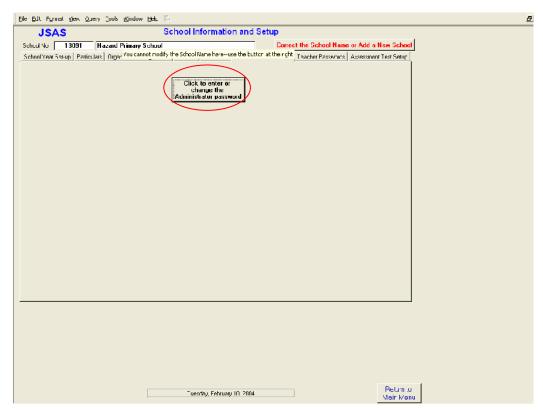
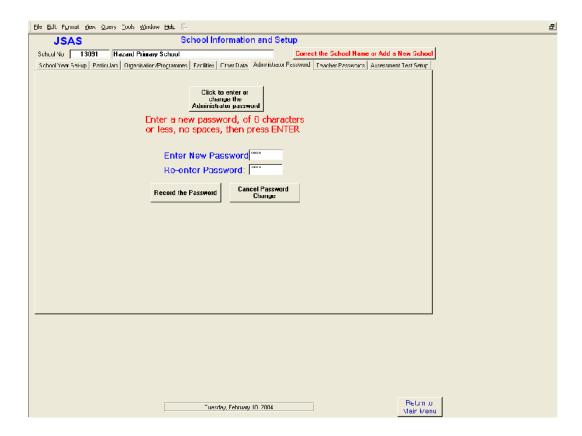


Figure 3.14

- 2. Click the *Click Here to Enter or Change the Administrator Password* button circled in red. (Figure 3.14)
- 3. Click in the text box labelled *Enter New Password* and type in the password in the space provided. (Figure 3.15)
- 4. Retype the password in the text box labelled *Re-enter Password* (Figure 3.15).

# N.B. Password must be typed the exact way it was previously entered

5. Click *Record Password* button to save the password (Figure 3.15).



**Figure 3.15** 

# **Change Password**

It is always a good idea to change passwords from time to time, or when staff changes occur.

- 1. Click the *Cancel Password Change* button to delete the password.
- 2. Then repeat steps in the *Administrator Password* section on page 57, to change the password.

# **Erase Password**

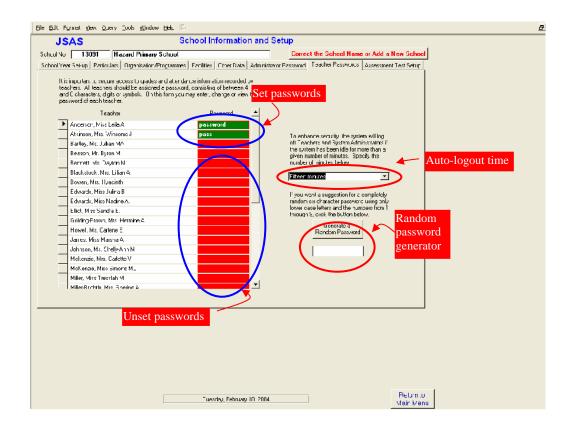
Cancel (Erase) Password will remove the password protection from the *Administrator Mode*.

- 1. Click the *Click Here to Enter or Change the Administrator Password* button circled in red. (Figure 3.14)
- 2. Click in the text box labelled *Enter New Password* and press *Enter* on the keyboard to delete the previously recorded password.
- 3. Do likewise in the text box labelled *Re-enter Password*.
- 4. Click the Record *Password* button.
- 5. The Administrator Mode is no longer password protected.

#### Teacher's Password

Teacher's passwords can be set by the teachers in the *Teachers Information* section on page 66. If the administrator wants to set the passwords for each teacher, it can be accomplished through *Teacher's Passwords* Tab on the *School Information and Setup* Form. Teacher's passwords can be changed in this section also.

1. A list of all teachers entered into the database displays along with entered passwords. If a teacher has not assigned a password the text box is red, if there is an entered password the text box is green and the password appears in the box. (Figure 3.16)



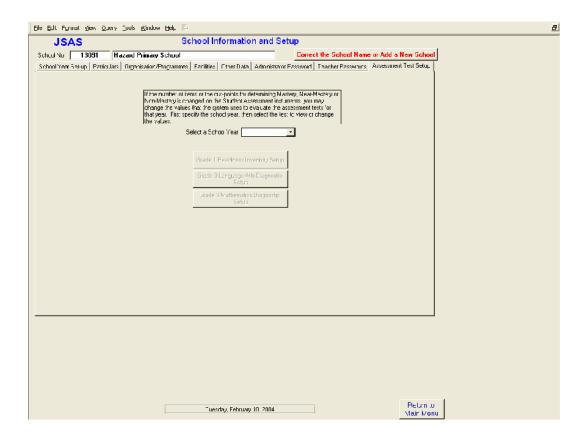
**Figure 3.16** 

- 2. To assign a password to a teacher, click in the text box to the right of the teachers name and type the password and press enter to record the changes.
  - NB: The password must not be less than 4 and not more than 8 characters long.
- 3. To enhance security, the system will automatically log off teachers and the administrator from the system after a certain amount of time. To change the time, click the down arrow list box and select the time for the system to be idle.

4. To generate a random password for the teacher's password, click the *Generate a Random Password* button and a password will be generated in the text box below the button. Cut and paste the password or type it into the text box next to the teacher's name.

# **Assessment Test Setup**

If the number of items or the cut-points for determining *Mastery*, *Near Mastery* and *Non-Mastery* is changed on the Student Assessment Instrument, the values need to be changed in the JSAS programme, which is used to evaluate the tests for the particular school year. (Figure 3.17)



**Figure 3.17** 

1. Select the appropriate year to change by clicking the down arrow list box labelled *Select a School Year* and click on the correct year. (Figure 3.18)

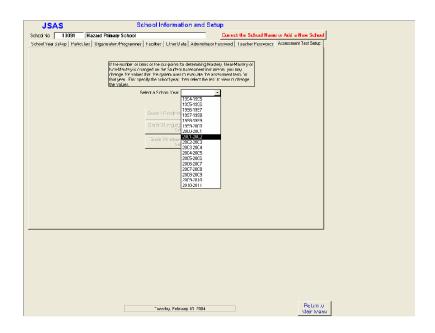


Figure 3.18

2. After selecting the year, click the button of the test to change: *Grade 1 Readiness Inventory Setup*, *Grade 3 Language Arts Diagnostic Setup*, or *Grade 3 Mathematics Diagnostic Setup*. (Figure 3.19)

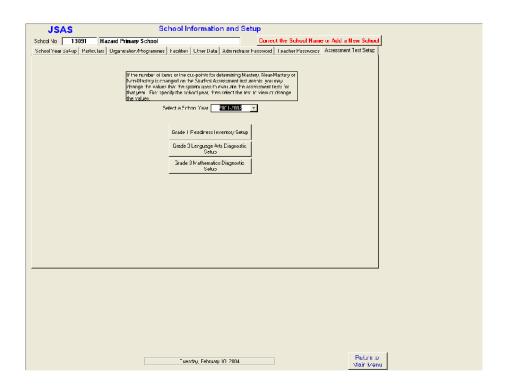
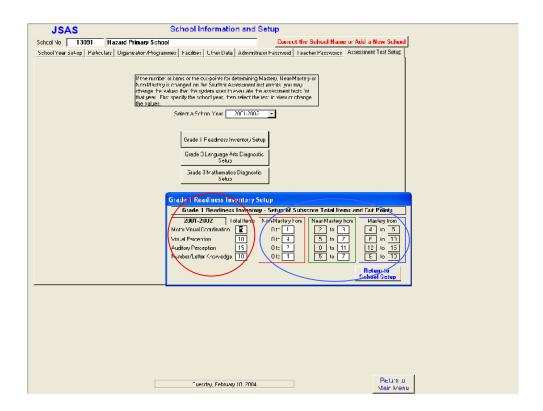


Figure 3.19

- 3. After clicking on the appropriate test, a form appears filled with the current settings. Make the changes to the form and click the *Return to School Setup* as shown in Figure 3.20.
  - a. If there are changes to be made to the amount of questions under a section, click in box to the right and type in the new sub score (circled in red).
  - b. If the amount of questions is changed, the cut score must be reset for each level: *Non-Mastery*, *Near Mastery* and *Mastery*. This is done by clicking in the box under each of the headings and typing in the new cut points (circled in blue).



**Figure 3.20** 







This chapter explains how to add a teacher to the database along with their vital information.

# **CONTENTS**

# **Teacher Information**

- Particulars
- Qualifications
- Post Information
- Current Year Classes
- Classes Assigned in Prior Years
- Current Class Roster

# **Teacher Information Setup**

The *Teacher Information Setup* Form allows teacher information to be entered so classes can be set up, attendance and grades recorded, and reports generated.

Click on the *Teacher Information* button shown in Figure 4.1. This form is accessed through the *Administrator Mode*.

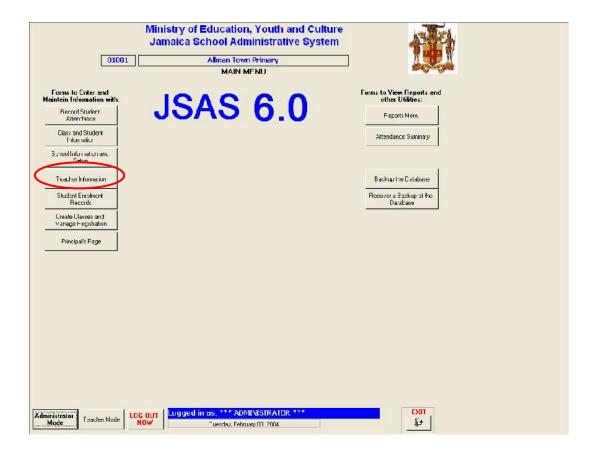


Figure 4.1

The form displays with the following tabs: *Particulars, Qualification, Post Information, Current Year Classes* and *Classes Assigned in Prior Years* (Figure 4.2).

# **Particulars Setup**

The *Particulars* Tab is used to enter data on a particular teacher. This form can be used to edit an existing teacher's information. (Figure 4.2)

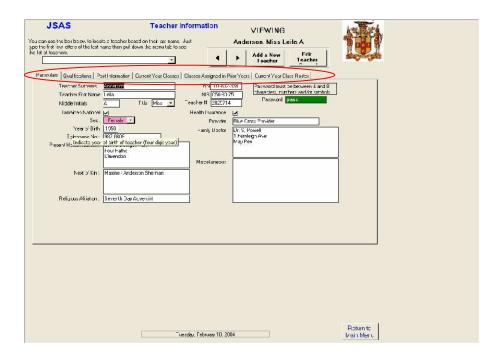


Figure 4.2

To edit an existing teacher's information, click on the down arrow list box, choose a teacher (Figure 4.3), click on the *Edit the Teacher* button, and click on the text boxes and down arrow boxes necessary to make the edits.

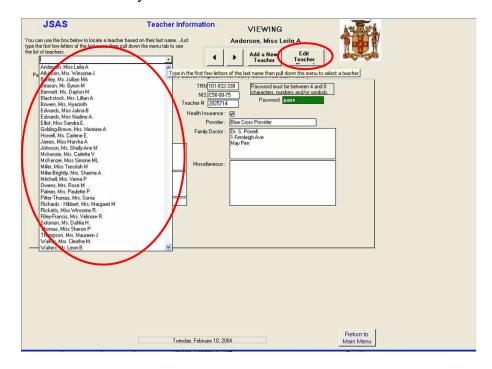


Figure 4.3

1. To add a new teacher click the *Add a New Teacher* button, circled in red on Figure 4.4, and a blank form will open as shown in Figure 4.5.

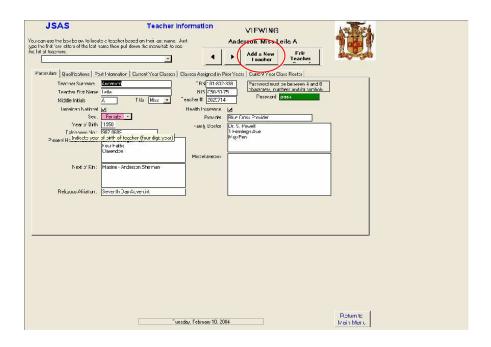


Figure 4.4

- 2. Click in the text boxes and drop down list boxes and type in or select the appropriate information where necessary.
- 3. Enter a password or have the principal set the password as described in the *Teacher's Password* section on page 60.

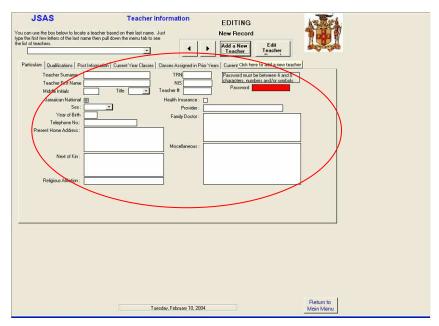


Figure 4.5

# **Qualifications Setup**

The *Qualifications* Tab contains check boxes of various certifications and diplomas qualifying the teacher.

1. Click on the *Qualification* Tab shown in the *Teacher Information* Form (Figure 4.6).

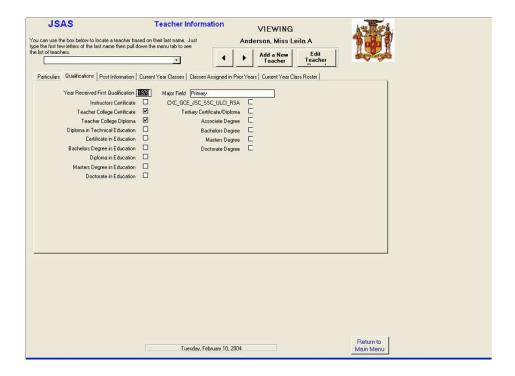


Figure 4.6

- 2. Click in the text boxes and type the appropriate information
- 3. Tick the boxes that apply to the teacher by clicking in the boxes.

# **Post Information Setup**

The *Post Information* Tab contains the teacher statistics regarding position at school and within the Ministry of Education, Youth and Culture.

- 1. Click the *Post Information* Tab on the *Teacher Information* Form shown in Figure 4.7.
- 2. Click in the text boxes and drop down list boxes and type or select the appropriate information.
- 3. After typing and checking where necessary click the *Add a New Teacher* button to save the information.

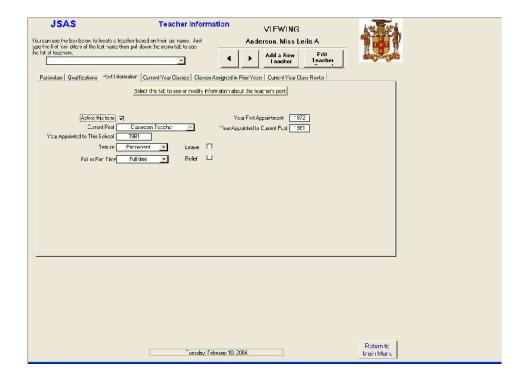


Figure 4.7

# **Current Year Classes**

The *Current Year Classes* Tab serves as a data access button displaying information on teacher activities. The information is derived from data that is recorded after a teacher is assigned to a class and students have been added to the class.

Click on the down arrow list box; select a teacher. The information displays in the form (Figure 4.8).

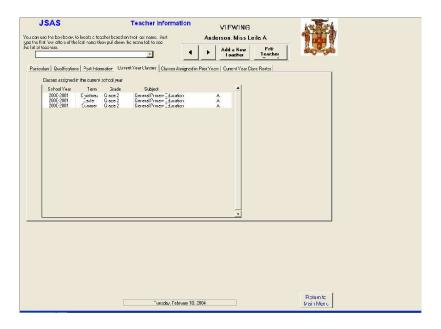


Figure 4.8

# **Classes Assigned In Prior Years**

The *Classes Assigned in Prior Years* Tab serves as a data access button that allows for information on teacher activities over the teacher's career.

Click on the down arrow list box and select a teacher. The information displays in the form (Figure 4.9).

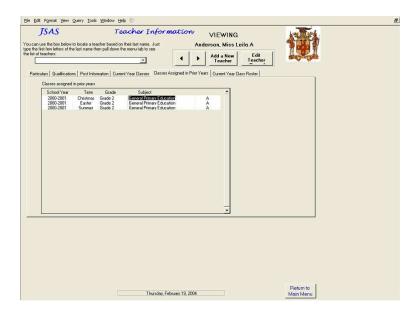


Figure 4.9

#### **Current Class Roster**

The Current Class Roster Tab displays the students assigned to a particular teacher.

Click on the down arrow list box and select a teacher. The information displays in the form (Figure 4.10).

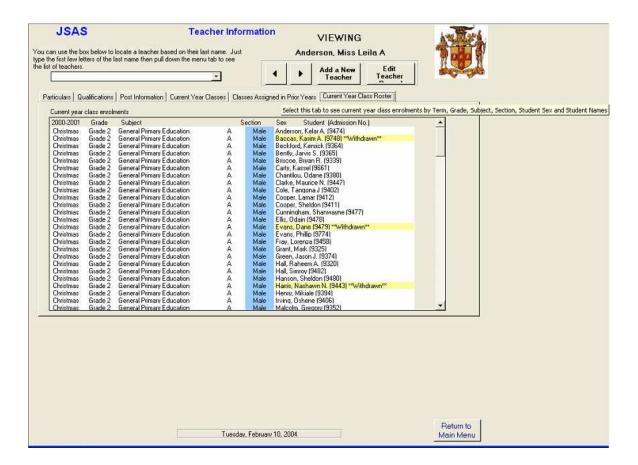


Figure 4.10





# STUDENT ENROLLMENT RECORDS

This chapter explains how to add a student and the vital information pertaining to that student.

## **CONTENTS**

#### **Student Enrolment Records**

- Adding a new student
- Editing a student record
- Repeating or Withdrawing a Student
- Student Assessment Scores

#### **Student Enrolment Records**

The *Student Enrolment Records* Form is used to enter new students into the database or to edit existing student's information. The form also accesses the Student Assessment Scores.

The *Student Enrolment Records* screen is accessed from the *Administrator Mode* by clicking on the *Student Enrolment Records* button.

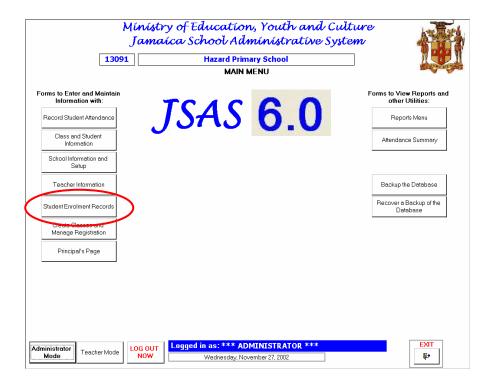


Figure 5.1

The School Information and Setup screen displays as shown in Figure 5.2.

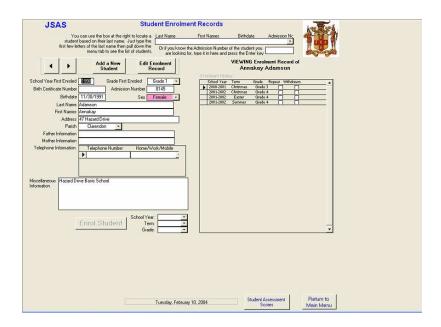


Figure 5.2

The *Student Enrolment Records* form will open in *Viewing Mode* showing the first record in the list sorted alphabetically.

#### Add a New Student

1. Click on the *Add a New Student* button and a blank enrolment form appears as shown in Figure 5.3.

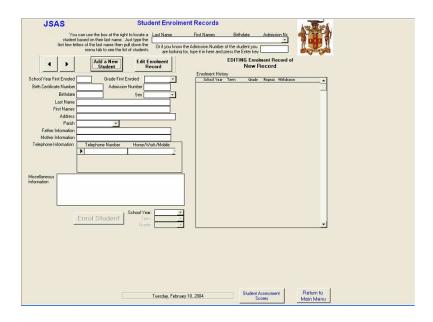


Figure 5.3

2. Click in the text boxes and down arrow list boxes and type or select the appropriate information.

The following fields require an entry: Last Name, Sex, School Year, Term, and Grade. It is important to fill in as many fields as possible, but if the required fields are not entered, the enrolment will not occur.

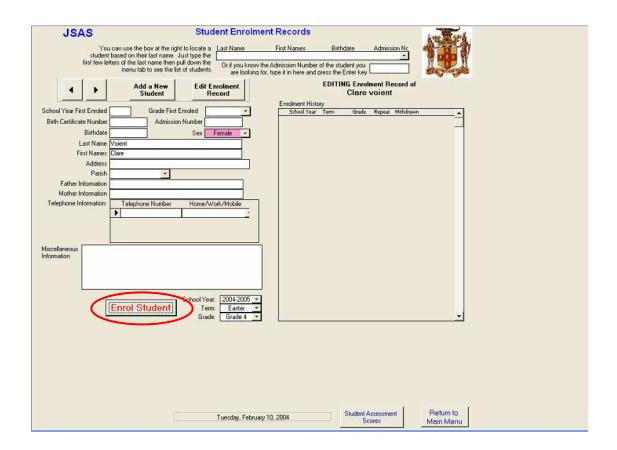


Figure 5.4

3. Once the data is entered, click on the *Enrol Student* button. This will save the data and the record displays under the *Enrolment History*.

#### **Editing a Student**

1. Click on the down arrow list box and select a student. The information displays in the form in Viewing Mode (Figure 5.5).

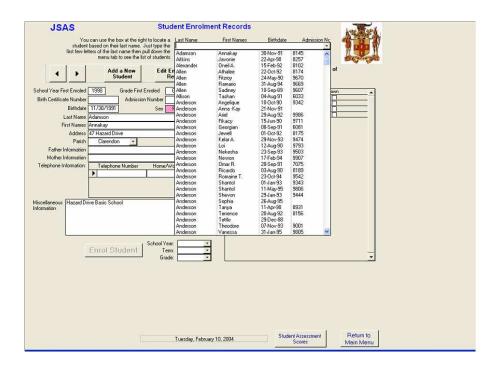


Figure 5.5

2. Click on the *Edit Enrolment Record* button and click in the text boxes and down arrow list boxes and type or select the appropriate information (Figure 5.6).

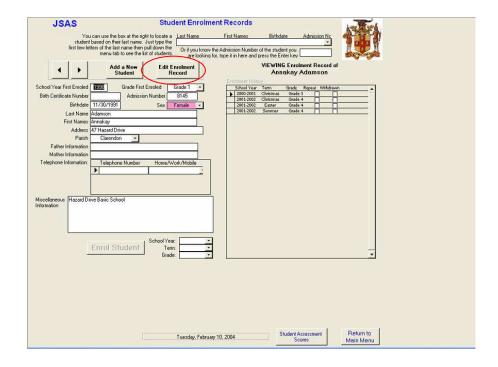


Figure 5.6

3. The information is updated after changes are made to the fields and the *Add a New Student* button is clicked. The *Enrol Student* button will highlight if a new school year, term and grade are entered. Click on the *Enrol Student* button and the new information displays in *Enrolment History*.

#### Accessing a Record Using the Student's Admission Number

To access a student's record using the student's admission number, click into the text box directly below the student list box, type in the admission number and press the enter key (Figure 5.7). The student's information displays in the Student Enrolment Record Form.

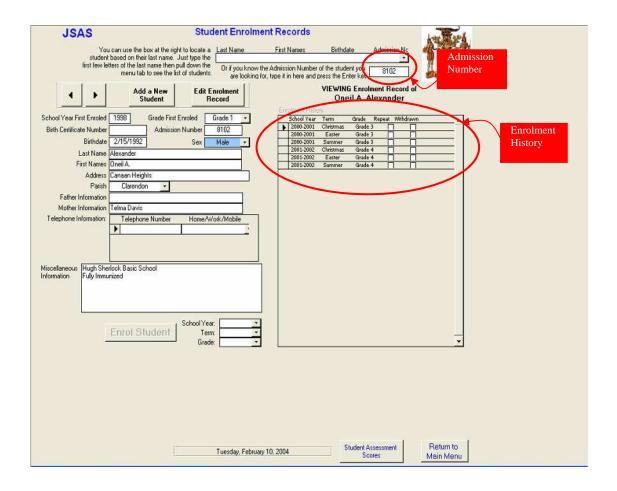


Figure 5.7

#### **Enrolment History**

The *Enrolment History* shows the student's history at the school and if grades were repeated or withdrawn, within each term. (Figure 5.7)

#### Repeat check box

- 1. A student is promoted into the next grade after the summer term. Students not promoted are checked as *Repeat*. This ensures the student will not be promoted to the next grade for the new school year.
- 2. In order to re-enrol this student to the same grade of the new school year, click in the *School Year*, *Term*, *Grade* list box and click on the new school year, term and grade respectively.
- 3. Click the *Enrol Student* command button to register the student in the class for the new year and term.

Then follow steps in Chapter 6 under *Registering Students in Classes* in assigning this student to a class.

#### Withdrawn Checkbox

This button withdraws a student for a term. Refer to the *Withdrawing a Student for a Term* in Chapter 6 on page 93, for information on this checkbox.

#### **Student Assessment Scores**

Once a student's record has been retrieved, the following scores can be viewed or entered: *Grade 1 Readiness Inventory, Grade 3 Diagnostic Tests and Grade 4 Literacy Test* and *Grade Six Achievement Test*.

#### **Grade 1 Readiness Inventory**

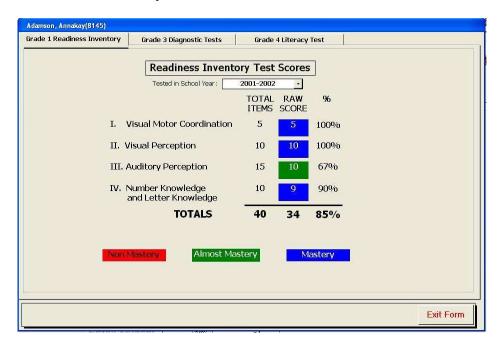


Figure 5.8

The *Grade 1 Readiness Inventory* assesses students in four areas: *Visual Motor Coordination, Visual Perception, Auditory Perception and Number Knowledge and Letter Knowledge.* (Figure 5.8)

The form opens with the student's name in the title bar, the four areas tested and the totals for each section. Select the year to enter or edit the raw score the student obtained, and the programme computes and ranks the students based on cut points set in Chapter 3 under *Assessment Tests Setup*, page 61.

- 1. Select the year by clicking the down arrow list box labelled *Tested in School Year* and click the appropriate year.
- 2. In the raw score text box, type score that the student receive for each section and the programme calculates the percentage.
- 3. The grade each student receives is ranked *Mastery*, *Near Mastery* and *Non Mastery* as shown in the key.
- 4. When the scores are entered, the raw score text box colour will change to reflect the child's ranking: blue for *Mastery*, green for *Near Mastery* and red for *Non-Mastery*. (Figure 5.8)
- 5. Click on the *Exit Form* button to close the form.

#### **Grade 3 Diagnostic Tests**

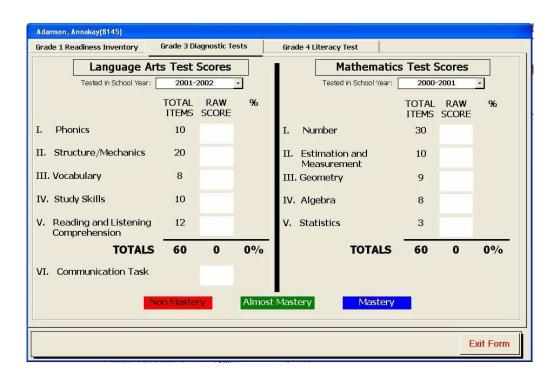
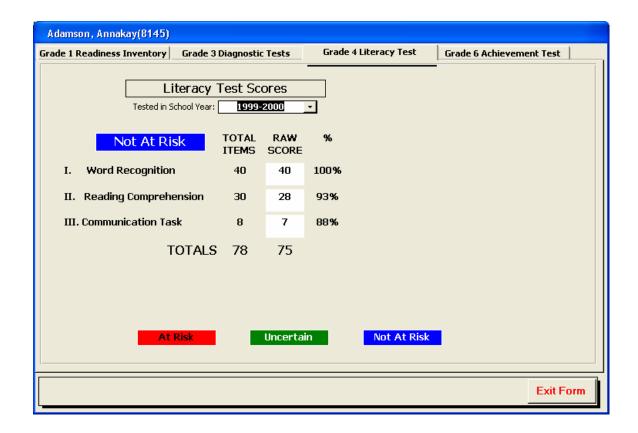


Figure 5.9

The *Grade 3 Diagnostic Tests* assesses students in the two subject areas: *Language Arts* and *Mathematics* with different sections under each subject area.

The same steps apply in entering the scores as discussed in *Grade 1 Readiness Inventory*.

#### **Grade 4 Literacy Test**



**Figure 5.10** 

The *Grade 4 Literacy Test* assesses the students in the three areas: *Word Recognition*, *Reading Comprehension* and *Communication task*. This test gives the student an overall rank.

The ranking will appear as shown in the key, in the left corner, and is the ranking for the total of the categories. The actual raw scores will appear red if they are in the *At Risk* level.

The same steps apply in entering the scores as discussed in *Grade 1 Readiness Inventory*.

#### **Grade Six Achievement Test**

The Grade Six Achievement Test Scores can be stored in this section (refer to Figure 5.11) of the Assessment Tests for referral purposes. No reports can be generated from this section.

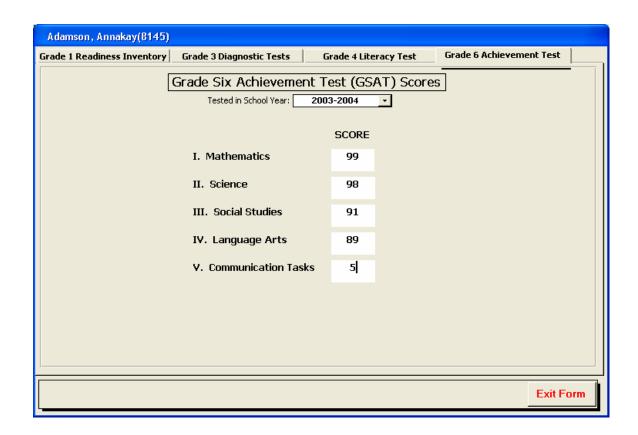


Figure 5.11

The Grade Six Achievement Test (GSAT) scores are used countrywide to place students in high school. After the test is administered, the scores are sent to the schools. The teacher will then enter the scores into this form for recording purposes.

#### The Return to Main Menu Button

The Return to Main Menu button is used to go back to the Main Menu.





# CREATE CLASSES AND MANAGE REGISTRATION

This chapter explains how to assign registered students into separate classes and assign a class teacher to those classes. Students can also be withdrawn from one class and reregister to another class during the school year

### **CONTENTS**

#### **Create Classes and Manage Registration**

- Creating Classes
- Registering Students in Classes
- Re-enrol, Un-withdraw, Re-register Students Enrolled in Grade

# **Create Classes and Manage Registration**

Once the students are entered into the database the classes are created and a teacher is assigned. Students can also be withdrawn from one class and re-register to another class during the school year using this menu option.

The Create Classes and Manage Registration Form is accessed from the Administrator Mode on the Main Menu by clicking on the create Classes and Manage Registration button. (Figure 6.1)

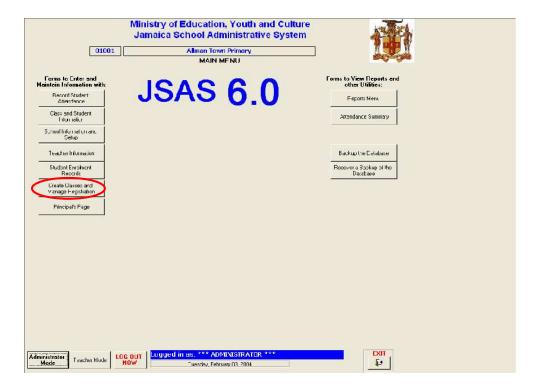


Figure 6.1

The Create Classes and Manage Registration screen displays as shown in (Figure 6.2).

The main components of this screen are:

Menu Tabs – Create and View Classes, Register Students in Classes, Students Enrolled in Grade, Re-enrol Next Term or Year.



Figure 6.2

#### **Create and View Classes**

The *Create and View Classes* Tab shows classes that are assigned to grade levels and teachers assigned to the classes. The tab also allows the classes to be created.

1. The *Create Classes and Manage Registration* form defaults to the *Create and View Classes*. At the top of the form are down arrow list boxes that set the particular class based on the school year, term and grade level, circled in red in Figure 6.3.

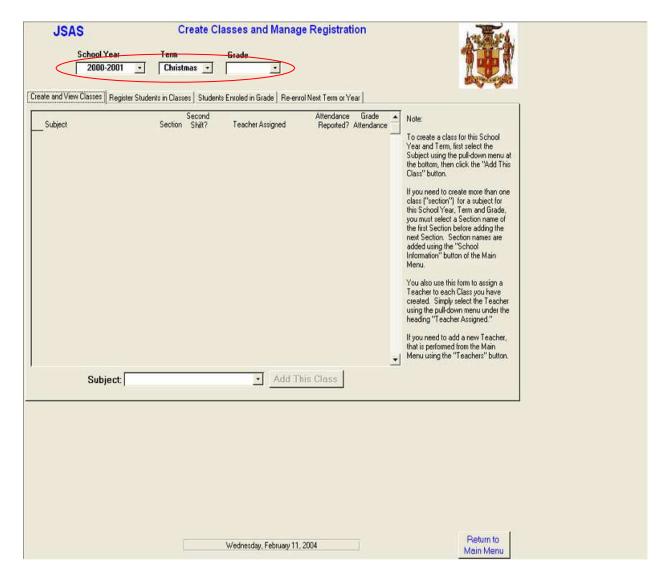


Figure 6.3

2. Click on the down arrow of the *School Year*, *Term* and *Grade Level* and the classes that have already been created will display on the form (Figure 6.4).



Figure 6.4

3. To add a new class, click on the down arrow list box labelled *Subject*, at the bottom of the form. Choose the class subject. (Figure 6.5)



Figure 6.5

- 4. The class displays on the form. Click the down arrow list box labelled *Teacher Assigned* and choose the teacher assigned to the class.
- 5. Repeat this process until all classes are assigned.

#### **Register Students in Classes**

Once the classes have been created, students can be registered into the classes.

- 1. Click on the *Register Students in Classes* Tab (Figure 6.6).
- 2. Set the *School Year*, *Term*, and *Grade* by clicking the down arrow next to the list boxes.

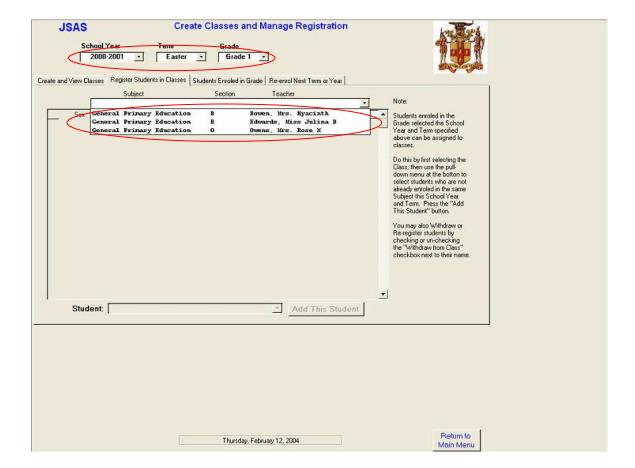


Figure 6.6

- 3. Click the down arrow list box labelled *Subject Section Teacher* circled in red in Figure 6.6. This displays a list of the classes for the selected school year, term and grade.
- 4. Select the teacher to set the class for registration.
- 5. Click on the down arrow list box labelled *Student* and select the students to register them into the class. The students are selected one at a time.
- 6. Click on the *Add This Student* button to register the selected student to the class. (Figure 6.7)



Figure 6.7

- 7. After clicking the *Add This Student* button a pop-up calendar form will appear (Figure 6.8). The title for the calendar shows the name of registering student along with the student's admission number.
- 8. The dates on the calendar in the blue streak are dates outside of the selected term, which was setup in Chapter 3, *School Year Setup*, page 48. The dates in blue are out of the school year date range.
- 9. Click on the *Day, Week, and Month* arrows to navigate the calendar. Once the correct month and day appear in the form, click on the *Use the Date Selected* button. (Figure 6.8)



Figure 6.8

The student is registered into the class as shown in Figure 6.9.

Sex emake em	Subject General Parinar Student Name Burel, Nocie (556 Curiler, Siebbeene Hamiton, Samanti Harler, Nesiener Hander, Nesiener Harler, Nesiener Harler, Nesiener Harler, Nesiener Harler, Nesiener Harler, Nesiener James, Shawar Marshal, Stavia (3 Michell, Rashanel Muthal, Rashanel	y Education Currently Erroled (exc. 59) N. 195300 N. 195300 N. 195301 N. 195501 N. 195601 N. 195601	budes weth drawals) >> Maler   18   Fernate   23   Total   Country   Country	Note:  Note:  Students ercoled in the Grade selected the School Grade selected the School Grade selected the School Grade above can be assigned to classes.  Do this by list selecting the Class: Then use the public down menu at the botton to select students who are not already erroled in the same Subject the School Year and Farm. Press the "Add This Student" button.  You may also Withdow or Re-register students by checking or un-checking the "Withdow form Class" checkbox need to their name.
Stu	Williams, Paulette	(3000)	Add This Student	Peturn to

Figure 6.9

- Total enrolment for the class shown in Figure 6.9: 18 males; 23 females and total 41. This does not include the withdrawn students displayed.
- Student list is colour coded, blue for males and pink for females, and is sorted first by sex then alphabetically.
- 10. To withdraw a student from the class, because of accidental enrolment or poor attendance, or even if a student wishes to stop taking one subject and start another, click in the *Withdraw from Class* checkbox beside the student's name.

#### Withdrawing a Student

1. Click the *Withdraw from Class* checkbox and the calendar shown in Figure 6.10. The title for the calendar shows the name of the withdrawing student.



Figure 6.10

- 2. This calendar operates same as described above on page 90.
- 3. After withdrawing, the student becomes available in the students' listing to be added to another class and teacher. The date the student can be registered is from the withdrawal date onward and can only be re-registered from that date forward.

#### **Replacing a Student**

To replace a student from this class, click in the *Withdraw From Class* box and select the same date used to withdraw the student and the student will be re-registered in the same class.

#### Re-registering a Student

- 1. To re-register a student to another class, select the teacher and student that are registering, located on the student list.
- 2. Click the *Add the Student* button and the calendar pop-up form appears to reregister the student. Enter the date of re-registration.
- 3. Click the *Use the Date Selected* button to register the student on the appropriate date.

#### **Students Enrolled in Grade**

The *Students Enrolled in Grade* Tab displays all students enrolled in the selected grade for the particular term and school year.

- Students are sorted first by sex and then alphabetically, including withdrawn students
- The columns are colour coded, blue for males and pink for females.
- The student's birth date and age are shown.

#### Withdrawing a Student for a Term

A term withdrawal is accomplished by clicking the *Term Withdraw* checkbox, located on the *Student Enrolled in Grade* Form, of the student listed for the particular term. The calendar box appears and the withdrawal date is chosen. Click on the *Use the Date Selected* to complete the process.

The student is available for registering the following term in the student listing. To replace a student for the term, click in the *Term Withdraw* checkbox beside the student's name and select the same date used to withdraw the student and the student will be re-registered for the term.

#### Re-enrol for New Term or Year

Re-enrolling existing students to a new school year or term is accomplished in *Re-enrol Next Term or Year* Tab. (Figure 6.11)



Figure 6.11

- 1. Create a class for the next term as described on page 84.
- 2. Re-enrol an entire grade to different classes of the next grade, for example all the students in Mrs. Henry's Grade 1 will be sent to two different Grade 2; Miss Clarke and Miss Bennett
  - a. Select the term the students are moving from as shown in Figure 6.12, circled in red. The text box labelled *Next Term Available* will show the next term for enrolment.



**Figure 6.12** 

b. Click the *Re-enrol Next Term* button and all the students are enrolled, except those marked as repeat or withdrawn from the term. When successful, a dialog box appears listing the number of students re-enrolled. (Figure 6.13)



Figure 6.13

- N.B. the students are not placed into classes using this method. Use the procedures outlined in the Registering Students in Classes on page 88 to register the students to different classes.
- 1. Re-enrol an entire class to another class, click on the down arrow next to the text box labelled *Class This Term*. (Figure 6.14)

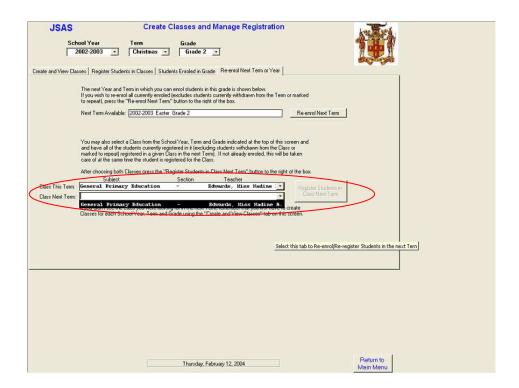


Figure 6.14

- 2. Choose the teacher of the class to be re-enrolled.
- 3. Click on the down arrow next to the text box labelled *Class Next Term*.
- 4. Choose the teacher of the class accepting the new students.
- 5. Click on the *Register Students in Class Next Term* button to enrol the students to that class (see Figure 6.15, circled in red)



**Figure 6.15** 

- 6. All students from the class will be enrolled in the new class.
- 7. When the enrolment is successful, a dialog box appears, listing the number of students re-enrolled. (Figure 6.15)

#### Principal's Page

The *Principle's Page* button is described in the **JSAS** *Administrative Handbook*.